Kallol Bairagi

kallolb22@gmail.com | (+91) 8850720693
IMMEDIATE JOINER | Java Backend Developer | DevOps Engineer | YOE 3 years

SKILLS

Languages
Java • Python • C++ • SQL • R • Rust
Bash • JSON • HTML • JavaScript
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Technologies
Spring • Spring boot • Maven • JUnit
Mockito • Hibernate • JPA • JDBC
MySQL • MongoDB • DynamoDB
Redis • Memcached • Hazelcast • Hive
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Apache Kafka • Apache Airflow • Nginx
Apache Tomcat • Docker • Kubernetes
Ansible • Terraform • Jenkins • Git
CircleCI • GitLab CI/CD • Elasticsearch
Datadog • Kibana • Grafana
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Softwares
IntelliJ • VS Code • Jupyter Notebook
PyCharm • Gatling • Qlik Sense • Jira
Logstash • Android Studio • Postman

PATENT

Integrated Remote Controlled Fragrance
Dispensing System **(201721028054)**
2021 | Patent Office - India

EDUCATION

BITS PILANI
B.E. Electrical and Electronics
Engineering and **M.Sc. Economics**
Aug 2020 | Hyderabad, India
GPA = 7.33 / 10.00

APEEJAY SCHOOL
Jun 2015 | Navi Mumbai, India
AISSCE = 95.2 / 100

LINKS

Github **github.com/kbnewbee**
LinkedIn **linkedin.com/in/kallolbairagi**
Hashnode **kallolbairagi.hashnode.dev**
X (Twitter) **twitter.com/kallolb14**
Behance **behance.net/kallolbaira0ae**

CO-CURRICULAR

Graphic Designer
2016 - 2018 TEDxBITSHyderabad
BITS Embryo | XBITS
Event Coordinator
2017 - 2018 Economics Association

EXPERIENCE

FREELANCE | Backend and DevOps Engineer
May 2022 - Present | India
- Built a e-commerce microservice application for a client (Bakery shop) End-to-End using **Java**, **Spring Boot** for creating **REST API** services and HTML and CSS for web pages - containerized using **Docker** and deployed on **AWS**.
- Currently building **CI/CD** pipeline for the application to automate deployment to AWS and working on **terraform** scripts to manage the AWS infrastructure for the application.
- Built a web chat application using **Java** and **Spring Boot**.

ELECTRONIC ARTS (EA) GAMES | Software Engineer
Jul 2020 - Aug 2022 | Hyderabad, India
- Worked as a **Java Backend** and **DevOps** engineer in EA Digital Platform (EADP) Social team on internal applications (Groups) for games FIFA, Apex Legends etc.
- Led the migration of **Apache Kafka** flow from Self-managed to **AWS MSK** for live applications **End-to-End** to production and **enhanced security** with **TLS certificates** - User Profile Service (UPS) and Social Graph Service (SGS).
- Single-handedly designed and built **GitLab CI-CD** pipeline for Groups app - bringing **End-to-End Automation** to production - reducing pipeline time from **30 min to 7 min**.
- Designed and engineered E2E ETL **Apache Airflow** pipelines to setup data extract from **MongoDB** to **Hive** for EADP Groups application.

PIRAMAL GROUP | Data Analyst Intern
Jan 2020 – Jun 2020 | Mumbai, India
- Worked on prediction models for the historical prices of consumer products.
- Applied statistical econometric techniques to create models, improving accuracy and precision using **Machine Learning** algorithms.

HERE TECHNOLOGIES | Software Engineering Intern
Aug 2019 – Dec 2019 | Mumbai, India
- Worked as a **Java backend** developer in the Map Creator team.
- Integrated and added new location data received from mobile application – Jugnoo (Cab Booking app) into HERE maps application in **AWS**.

CREATIVE WORKS

EA WHAT IF | Developer
Oct 2020 | India
Developed an **Augmented Reality (AR)** application to detect images (2D) and cards (3D) and process relevant videos and metadata on the fly.

PROCESSING PROJECTS | Developer
May 2020 | India
Worked on visualisation projects based on concepts using **Processing** – Fractal patterns, Koch curve, Cellular Automata, Autonomous agents' behaviour and Perlin noise.

HERE HACKATHON | Developer
Sep 2019 | India
Worked on **OCR** technology and probe data to develop an application for enriching the accuracy of location in HERE maps based on pattern recognition of probe data.